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STATUS REPORT OF PUBLICATIONS
from Nutrition and Consumer-Use Research Divisions
Agricultural Research Service
Jan.-Mar. 1967

PUBLISHED

Bulletins

Beef and veal in family meals: A guide for consumers. Human Nutrition Research Division. Home and Garden Bul. 118, 30 pp., illus. Jan. 1967.

Home freezing of poultry. Human Nutrition Research Division. Home and Garden Bul. 70, 24 pp., illus. Rev. Jan. 1967.

How to make jellies, jams, and preserves at home. Human Nutrition Research Division. Home and Garden Bul. 56, 30 pp., illus. Rev. Jan. 1967.

Research careers in nutrition, food science, and food economics. Agricultural Research Service. Misc. Pub. 1019, 8 pp., illus. Rev. Mar. 1967.

Family Economics Review. ARS 62-5, 27 pp., illus. Dec. 1966. (Ann. Outlook issue):

- Comments on the contents of this issue
- Factors in the 1967 economy
- Clothing and textiles: Supplies, prices, and outlook. V. Britton.
- Outlook for food consumption, prices, and expenditures
- Outlook for home furnishings and equipment. K. Smythe.
- Housing: Outlook for supplies and prices
- Changing patterns of family food spending. F. Clark.
- Cost of raising a child. L. F. Mork.
- Implications for consumers in the work of the National Commission on Food Marketing
- New developements in leather products and footwear
- Facilitating community services in low-rent public housing developments
- Population growth and family formation
- Some new USDA publications
- Cost of food at home, Sept. 1966 prices
- Consumer prices

Family Economics Review. ARS 62-5, 24 pp., Mar. 1967:

- Homefreezer management survey: Some characteristics of freezer use. R. Redstrom.
- Low-cost food plan--choices influence cost. B. B. Peterkin.
- Cost of food at home, Dec. 1966 prices
- The effect of family size on expenditures. L. F. Mork.
- The Child Nutrition Act of 1966
- Prices in poor neighborhoods
- The truth-in-packaging law
- Age groups in state populations
- Index of articles in 1966 issues
- Some new USDA publications
- Consumer prices

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CURRENT SERIAL RECORDS

Status report f publications--Jan.-Mar. 1967
Published--continued

Bulletins--continued

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Consumer responsibility. R. M. Leverton. In Agr. Yearbook (Protecting our Food) 1966: 378-379, illus.

Quality of six tomato varieties as affected by some compositional factors. P. A. Simandle, J. L. Brogdon, J. P. Sweeney, and E. O. Mobley, Human Nutrition Research Division; D. W. Davis, Crops Research Division. Proc. of Amer. Soc. for Hort. Sci. 89: 532-538. 1966.

Quality of reconstituted sweet potato flakes as related to the proportion of water. L. H. Fulton, G. L. Gilpin, and E. H. Dawson. Jour. Home Econ. 59(2): 124-126. Feb. 1967.

Sugar and acid in the edible portion of fruits--samples from the wholesale market. J. F. Eheart and B. S. Mason. Amer. Dietet. Assoc. Jour. 50(2): 130-132. Feb. 1967.

Sensory testing of foods and beverages. E. H. Dawson. Food Quality Control 15: 3-6. Jan. 1967. Presented at Amer. Soc. for Quality Control, Univ. of Md., College Park, Md., Nov. 14, 1964.

Survival of clostridium perfringens during baking and holding of turkey stuffing. M. Woodburn and C. H. Kim. Appl. Microbiol. 14(6): 914-920, illus. Nov. 1966. Contract with Purdue Univ., supported in part by Human Nutr. Res. Div.

Effect of diets containing wheat and wheat supplemented with pinto beans, rice or peanut butter on the excretion of B-complex vitamins in urine of young men. (Abs.) S. N. Ganapathy, L. K. Booker, C. H. Rumph, and C. H. Edwards. Fed. Proc. 26(2): 306. Mar.-Apr. 1967. Paper to be presented at Fed. of Amer. Soc. for Expt. Biol., Chicago, Ill., Apr. 16-21, 1967. Contract with Agr. and Tech. Col. of N. C., supported in part by Human Nutr. Res. Div.

Effect of fructose, glucose, sucrose and starch on serum lipids in carbohydrate induced hypertriglyceridemia and in normal subjects. N. A. Kaufmann, R. Poznanski, S. H. Blondheim, and Y. Stein. Jour. Med. Sci. 2(5): 715-726, illus. Nov.-Dec. 1966. USDA grant under PL 480 with Hadassah Univ. Hosp., and Hebrew Univ.-Hadassah Med. Sch., and Col. of Nutr. and Home Econ., Jerusalem, Israel.

Published--continued

Articles--continued

Serum levels of young men as affected by diets containing starch or sucrose. (Abs.) M. I. Irwin and A. J. Staton. Fed. Proc. 26(2): 304. Mar.-Apr. 1967. Paper to be presented at Fed. of Amer. Soc. for Expt. Biol., Chicago, Ill., Apr. 16-21, 1967.

Effect of protein depletion on the spleen and antibody formation. (Abs.) M. A. Kenney, L. Arnrich, F. Piedad, and C. E. Roderuck. Fed. Proc. 26(2): 410. Mar.-Apr. 1967. Paper to be presented at Fed. of Amer. Soc. for Expt. Biol., Chicago, Ill., Apr. 16-21, 1967. USDA-ARS-HN grant with Iowa State Univ.

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Thyroids and pituitary pathology in iodine-deficient rats fed fresh and oxidized fats and oils. H. Kaunitz and R. E. Johnson. Jour. Nutr. 91(1): 55-62, illus. Jan. 1967. Contract with Columbia Univ., supported in part by Human Nutr. Res. Div.

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Survey of interpretations of consumer behavior by social scientists in the postwar period. M. C. Burk. Jour. Farm Econ. 49(1, pt. I): 1-31. Feb. 1967. Consumer and Food Econ. Res. Div. in coop. with Minn. Agr. Expt. Sta.

An integrated approach to consumer behavior. M. C. Burk. Jour. Home Econ. 59(3): 155-162. Mar. 1967. Consumer and Food Econ. Res. Div. in coop. with Minn. Agr. Expt. Sta.

The world's biggest lunch counter. R. M. Leverton. Food and Nutr. News (Nat. Live Stock and Meat Board): 38(6): 1, 4. Mar. 1967.

Building blocks and stepping stones in protein nutrition. R. M. Leverton. Jour. Nutr.91(2; Suppl. 1; Pt. II): 39-43. Feb. 1967. Presented at Univ. of Calif., Berkeley, May 1965.

Working with low-income families--An evaluation of the AHEA national workshop. I. H. Wolgamot. Jour. Home Econ. 59(1): 11-13, Jan. 1967.

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Use of modern home laundry equipment: Changes in color and dimensions of selected white fabrics as a result of various laundering procedures. R. K. Taube and N. D. Poole. Amer. Dyestuff Rptr. 56: 172-174. Mar. 13, 1967.

*They're probably your biggest cost. /L. Mork/. Agr. Sit. 51(1): 12. Jan. 1967. Presented at Ann. Outlook Conf., Washington, D.C., Nov. 1966.

Status report of publications--Jan.-Mar. 1967

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Bulletins

Basic data on metabolic patterns in 7-10 year-old girls in selected southern states. Home Econ. Res. Rpt. 33. Human Nutr. Res. Div. in coop. with Ga., Ky., La., Miss., Okla., Tenn., and Va. Agr. Expt. Stations. To GPO Dec. 1, 1966.

Lamb in family meals: A guide for consumers. Home and Garden Bul. To OI Oct. 12, 1966.

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Milk in family meals: A guide for consumers. Home and Garden Bul. To ARS Inf. Div. July 1, 1965.

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Cereals and pasta in family meals: A guide for consumers. Home and Garden Bul. To ARS Inf. Div. July 11, 1966.

Family fare...food management and recipes. Rev. of G-1. To ARS Inf. Div. Mar. 2, 1966.

Food for fitness...A daily food guide. Consumer and Food Econ. Res. Div. Sl. rev. of L-424. To GPO Mar. 15, 1967.

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Your money's worth in foods. Home and Garden Bul. Draft to ARS Inf. Div. Jan. 23, 1967.

Helping families manage their finances. Rev. of HERR-21. To ARS Inf. Div. Mar. 6, 1967.

Job-related expenditures and management practices of gainfully employed wives in North Carolina. Home Econ. Res. Rpt. To ARS Inf. Div. Jan. 10, 1967.

Soaps and detergents for home laundering. V. McLendon. Rev. of G-49. To ARS Inf. Div. Mar. 11, 1966.

Sanitation in home laundering. Rev. of G-97. In ARS Inf. Div.

Articles

International facets of USDA nutrition research. W. A. Gortner. Accepted, Apr. issue of Amer. Dietet. Assoc. Jour. Presented at meeting of the Assoc., Boston, Mass., Oct. 1966.

Basic nutrition concepts for use in nutrition education. R. M. Leverton. Accepted, May issue of Jour. Home Econ. Presented at Nat. Nutr. Educ. Conf., Washington, D.C., Feb. 1967.

Articles--continued

Influence of heredity on response of inbred rats to diet. I. Differences in body size, food intakes, incidence of spontaneous kidney defects, kidney weights, urine pH and protein. M. W. Marshall and R. P. Lehmann. Accepted, Metabolism.

Effects of long-term feeding of milk and milk components to rats. M. Womack, R.A. Ahrens, and J. E. Wilson, Jr. Accepted, Jour. Dairy Sci.

Composition and structure of triglycerides from dietary fats and rat organs. H. Kaunitz, R. Johnson, and J. Miraglia. Contract with Columbia Univ., supported in part by Human Nutr. Res. Div. Approved by HN for journal publication.

Long-term response of rats to heat-treated dietary fat. IV. Weight gains, feed and energy efficiencies, apparent health and longevity. E. E. Rice and others. Contract with Swift and Co., supported in part by Human Nutr. Res. Div. Approved by HN for publication in Jour. Amer. Oil Chem. Soc.

The effects of exercise and fat intake in rats on serum and carcass components and radiorespirometry. R. A. Ahrens, J. E. Wilson, Jr., and D. L. Hanson. To Jour. Physiol. Apr. 3, 1967.

Effects of fat intake and exercise on serum cholesterol and body composition of rats. D. L. Hanson, J. A. Lorenzen, A. E. Morris, R. A. Ahrens, and J. E. Wilson, Jr. To Amer. Jour. of Physiol. Jan. 24, 1967. Univ. of Md., Human Nutr. Res. Div. cooperating.

The influence of type of dietary carbohydrate on histological findings in two strains of rats. A. M. A. Durand, M. Fisher, and M. Adams. To Archives of Pathology Dec. 20, 1966.

Effect of dietary carbohydrate on the serum protein components of two strains of rats. F. L. Lakshmanan, E. M. Schuster, and M. Adams. Accepted, Jour. Nutr.

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The effect of frequency and size of meals on serum lipid levels, nitrogen and mineral retention, fat digestibility, and urinary excretion of thiamine and riboflavin in young women. M. I. Irwin and R. M. Feeley. To Amer. Jour. Clin. Nutr. Oct. 6, 1966.

Influence of dietary protein on serum lipids and on fat, nitrogen and mineral metabolism of older men. H. M. Fox, H. Linkswiler, and P. C. Fry. Contract with Univ. of Nebr., supported in part by Human Nutr. Res. Div. Accepted, Amer. Jour. Clin. Nutr.

Growth of Hong Kong children--on diets containing rice or rice-and-wheat with and without nutrient supplements. P. C. Fry, R. M. Leverton, and S. Goksu. Accepted, Amer. Jour. Clin. Nutr. USDA grant under PL 480 with Univ. of Hong Kong and Wheat Associates, Inc.

Status report of publications--Jan.-Mar. 1967
In press or approved for printing--continued

Articles--continued

Canned apricots--A comparison of two forms. M. S. Sines and M. A. Moss. To Sch. Lunch Jour. Oct. 31, 1966.

Removal of carbaryl residues from tomatoes during commercial and home preparative procedures. R. P. Farrow, F. C. Lamb, R. W. Cook, and others. To Agr. and Food Chem. Jour. Sept. 26, 1966. Contract with Nat. Canners Assoc. Res. Found., supported in part by Human Nutr. Res. Div. Presented at Amer. Chem. Soc., New York, N.Y., Sept. 1966.

Removal of DDT residues from tomatoes during commercial and home preparation. F. C. Lamb, R. P. Farrow, J. R. Kimball, and others. To Agr. and Food Chem. Jour. Sept. 26, 1966. Contract with Nat. Canners Assoc. Res. Found., supported in part by Human Nutr. Res. Div. Presented at Amer. Chem. Soc., New York, N.Y., Sept. 1966.

Flavor of peanuts grown in phorate-treated plots. J. L. Brogdon and E. H. Dawson. Accepted, Jour. Econ. Entomology.

Effect of selected internal and oven temperatures on eating quality of roasted or braised light and dark meat turkey roasts. I. M. Hoke, B. K. McGeary, and M. K. Kleve. Accepted, Food Technol.

Composition and palatability characteristics of mild-cured hams in relation to heating, cover fat, and marbling. O. M. Batcher, E. W. Murphy, E. H. Dawson, A. C. Marsh, S. N. Hagan, and P. A. Deary. Accepted, Food Technol.

Lipids of raw and cooked beef and pork. A. M. Campbell and P. K. Turkki. Contract with Univ. of Tenn., supported in part by Human Nutr. Res. Div. Approved by HN for publication in Food Sci.

Extraction of lipids from raw beef lean using various solvent systems. S. N. Hagan, E. W. Murphy, and L. M. Shelley. Accepted, Apr. issue of Assoc. of Offic. Analyt. Chem.

Mineral composition of fruits. I. Edible yield, total solids, and ash content of thirty fresh fruits from known producing areas. E. G. Zook; II. Nitrogen, calcium, magnesium, phosphorus, potassium, aluminum, boron, copper, iron, manganese, and sodium content of thirty fresh fruits from known producing areas. E. G. Zook and J. Lehmann. To Amer. Dietet. Assoc. Jour. Jan. 6, 1967.

Identification and estimation of tocopherols by gas-liquid chromatography. H. T. Slover, L. M. Shelley, and T. L. Burks. To Jour. Amer. Oil Chem. Soc. Dec. 21, 1966. Presented at Spring meeting, Amer. Oil Chem. Soc., Los Angeles, Calif., Apr. 1966.

Spectroscopic studies of aromatic isoprenoids: Application of nuclear resonance to the structural differentiation of tocopherols. H. Finegold and H. T. Slover. Accepted, July issue of Jour. Organic Chem. Presented Amer. Chem. Soc., New York, N.Y., Sept. 1966.

Flame photometric determination of calcium in food using a reversed oxyacetylene flame, a radiation buffer, and an acid mixture. J. Lehmann and E. G. Zook. Accepted, Aug. issue of Jour. Assoc. Offic. Analyt. Chem.

Articles--continued

The nutritive value of frozen foods. B. K. Watt. For 4th Ed. of "The Freezing Preservation of Foods" by Van Arsdel and Dressler. To Avi Publishing Co. Mar. 15, 1967.

Nutrients in USA food supply: A review of trends, 1909-13 to 1965. B. Friend. Accepted, Amer. Jour. Clin. Nutr.

Yellowing of bleached cotton fabrics during storage. V. McLendon and F. Richardson. To Amer. Dyestuff Rptr. June 11, 1965.

Determination of soleplate temperatures for ironing fabrics of different fibers. R. K. Taube and E. S. Ross. To Jour. Home Econ. Aug. 30, 1965.

Laundry equipment for the home used with sodium perborate bleach to maintain whiteness in naturally soiled cottons. R. K. Taube and N. D. Poole. To Amer. Dyestuff Rptr. June 8, 1965.

PAPERS AND TALKS BEFORE PROFESSIONAL GROUPS

Human nutrition research in Agriculture: Goals and activities. W. A. Gortner. Univ. of Md. Joint-Nutr. Seminar. Mar. 28, 1967.

Development of basic nutrition concepts for use in nutrition education. R. M. Leverton. Nat. Nutr. Educ. Conf., Washington, D.C., Feb. 22, 1967.

Federation of Amer. Soc. for Expt. Biol., Chicago, Ill., Apr. 16-21, 1967:

Effect of diets containing wheat and wheat supplemented with pinto beans, rice or peanut butter on the excretion of B-complex vitamins in urine of young men. S. N. Ganapathy, L. K. Booker, C. H. Rumph, and C. H. Edwards. Contract with Agr. and Tech. Col. of N.C., supported in part by HN.

Serum enzyme levels of young men as affected by diets containing starch or sucrose. M. I. Irwin and A. J. Staton.

Effect of protein depletion on the spleen and antibody formation. M. A. Kenney, L. Arnrich, F. Piedad, and C. E. Roderuck. USDA-ARS-HN grant with Iowa State Univ., supported in part by HN.

VISITORS

January, total ---------- 132
82 persons from 20 countries outside the United States
50 persons from 2 states, and District of Columbia

February, total ---------- 136
18 persons from 11 countries outside the United States
118 persons from 10 states and District of Columbia

March, total ---------- 217
74 persons from 20 countries outside the United States
143 persons from 10 states and District of Columbia

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STATUS REPORT OF PUBLICATIONS
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CURRENT SERIAL RECORDS

PUBLISHED

Bulletins

Food for fitness...A daily food guide. Consumer and Food Econ. Res. Div. Leaflet 424. Sl. Rev. May 1967.

Nutrition Program News--Helping disadvantaged families improve their diets. I. H. Wolgamot. 4 pp. Jan.-Apr. 1967.

Nutrition Program News--Nutrition Education Conference--1967. M. M. Hill. 8 pp. May-June 1967.

Family Economics Review, ARS 62-5, 20 pp., June 1967:
Homefreezer management survey: III. More on freezer use. R. Redstrom.
Diets of households in Washington, D.C. D. Baker and A. Beloian.
Survey of discount food stores
Consumer wealth and saving
Census reports on school enrollment and on TV ownership
New procedures for measuring unemployment
Enrollment in the health insurance program for the aged
Some new USDA publications
Consumer prices
Cost of food at home

Sample menus and food list for one week based on USDA economy family food plan. Consumer and Food Econ. Res. Div. CA 62-20, 4 pp. Rev. Apr. 1967.

Patent

Fabric stretch-recovery test apparatus. H. M. Fletcher, C. H. Fischbach, and G. F. Button. U.S. Patent No. 3,316,757. Issued May 2, 1967.

Articles

Composition and palatability characteristics of mild-cured hams in relation to heating, cover-fat, and marbling. O. M. Batcher, E. W. Murphy, E. H. Dawson, A. C. Marsh, S. N. Hagan, and P. A. Deary. Food Technol. 21(3A): 156-A - 159-A. 1967. Contract with Univ. of Ill., supported in part by Human Nutr. Res Div.

Effect of internal and oven temperatures on eating quality of light and dark meat turkey roasts. I. M. Hoke, B. K. McGeary, and M. K. Kleve. Food Technol. 21(5): 89-93, illus. May 1967.

Choice of cooking temperature for stuffed turkeys. I. Palatability factors. V. D. Bramblett and K. W. Fugate. II. Microbiological safety of stuffing. M. Woodburn and A. E. Ellington. Jour. Home Econ. 59(3): 180-190. Mar. 1967. Contract with Purdue Univ., supported in part by Human Nutr. Res. Div.

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Articles--continued

Lipids of raw and cooked ground beef and pork. A. M. Campbell and P. K. Turkki. Food Sci. 32(2): 143-146. Mar.-Apr. 1967. Contract with Univ. of Tenn., supported in part by Human Nutr. Res. Div.

Extraction of lipids from raw beef lean using various solvent systems. S. N. Hagan, E. W. Murphy, and L. M. Shelley. Assoc. of Offic. Analyt. Chem. 50(2): 250-255, illus. Apr. 1967.

Identification and estimation of tocopherols by gas-liquid chromatography. H. T. Slover, L. M. Shelley, and T. L. Burks. Jour. Amer. Oil Chem. Soc. 44(3): 161-166, illus. 1967. Presented at spring meeting of the Society, Los Angeles, Calif., Apr. 1966.

Nuclear magnetic resonance studies of some saturated heterocyclic ring systems. H. Finegold. In Amer. Chem. Soc. Meeting Abstracts, Vol. 153, p. 075. 1967. Presented by Abstract at meeting of the Society, Miami Beach, Fla., Apr. 1967.

Nutritional aspects of thermally oxidized fats and oils. H. Kaunitz. Food Technol. 21(3): 60-64. Mar. 1967. Contract with Columbia Univ., supported in part by Human Nutr. Res. Div.

Effects of long-term feeding of milk and milk components to rats. M. Womack, R. A. Ahrens, and J. E. Wilson, Jr. Jour. Dairy Sci. 50(4): 509-517, illus. 1967.

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Protecting food quality in the home. G. L. Gilpin and A. L. Merrill. pp. 170-178.

Consumer responsibility. R. M. Leverton. pp. 378-379.

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Basic data on metabolic patterns in 7-10 year-old girls in selected southern states. Home Econ. Res. Rpt. 33. Human Nutr. Res. Div. in coop. with Ga., Ky., La., Miss., Okla., Tenn., and Va. Agr. Expt. Stations. To GPO Dec. 1, 1966.

Lamb in family meals: A guide for consumers. Home and Garden Bul. 124. To GPO Apr. 17, 1967.

Pork in family meals: A guide for consumers. Home and Garden Bul. To ARS Inf. Div. June 30, 1965.

Milk in family meals: A guide for consumers. Home and Garden Bul. 127. To GPO June 1, 1967.

Fruits in family meals: A guide for consumers. Home and Garden Bul. 125. To GPO Apr. 1967.

Cereals and pasta in family meals: A guide for consumers. Home and Garden Bul. To ARS Inf. Div. July 11, 1966.

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Helping families manage their finances. Rev. of HERR-21. To ARS Inf. Div. Mar. 6, 1967.

Job-related expenditures and management practices of gainfully employed wives in North Carolina. Home Econ. Res. Rpt. 34. To GPO May 9, 1967.

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Soaps and detergents for home laundering. V. McLendon. Rev. of G-49. To GPO June 1967.

Sanitation in home laundering. Rev. of G-97. To GPO May 1967.

Articles

Influence of heredity on response of inbred rats to diet. I. Differences in body size, food intakes, incidence of spontaneous kidney defects, kidney weights, urine pH and protein. M. W. Marshall and R. P. Lehmann. Accepted, Metabolism.

Influence of strain, age, and sex on body composition of rats. I. Interrelationships between total body fat, body lengths, girths, and selected skinfod thicknesses of individual rats. M.W. Marshall, B. P. Smith, and R. P. Lehmann; II. Prediction of body fat content from body weight and body measurements. M.W. Marshall, B. P. Smith, R. P. Lehmann, and A. W. Munson; III. Interrelationships between total body fat, organ weights and serum cholesterol. M.W. Marshall, B. P. Smith, and R. P. Lehmann. To British Jour. of Nutr. June 7, 1967.

Status report of publications--Apr.-June 1967
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Articles--continued

Composition and structure of triglycerides from dietary fats and rat organs. H. Kaunitz, R. Johnson, and J. Miraglia. Contract with Columbia Univ., supported in part by Human Nutr. Res. Div. Approved by HN for journal publication.

Long-term response of rats to heat-treated dietary fat. IV. Weight gains, fee and energy efficiencies, apparent health and longevity. E. E. Rice and others. Contract with Swift and Co., supported in part by Human Nutr. Res. Div. Approved by HN for publication in Jour. Amer. Oil Chem. Soc.

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The influence of type of dietary carbohydrate on histological findings in two strains of rats. A. M. A. Durand, M. Fisher, and M. Adams. To Archives of Pathology Dec. 20, 1966.

Effect of dietary carbohydrate on the serum protein components of two strains of rats. F. L. Lakshmanan, E. M. Schuster, and M. Adams. Accepted, Jour. Nutr.

Effect of type of dietary carbohydrate and age on magnesium, calcium, and phosphorus metabolism of two rat strains. A. M. Pommer and N. S. Simon. To Jour. Nutr. June 7, 1967.

Effect of frequency and size of meals on serum lipid levels, nitrogen and mineral retention, fat digestibility, and urinary excretion of thiamine and riboflavin in young women. M. I. Irwin and R. M. Feeley. Accepted, Amer. Jour. Clin. Nutr.

Influence of dietary protein on serum lipids and on fat, nitrogen and mineral metabolism of older men. H. M. Fox, H. Linkswiler, and P. C. Fry. Contract with Univ. of Nebr., supported in part by Human Nutr. Res. Div. Accepted, Amer. Jour. Clin. Nutr.

Growth of Hong Kong children--on diets containing rice or rice and wheat with and without nutrient supplements. P. C. Fry, R. M. Leverton, and S. Goksu. USDA grant under PL 480 with Univ. of Hong Kong and Wheat Associates, Inc. To appear in Sept. issue of Amer. Jour. Clin. Nutr.

Canned apricots--A comparison of two forms. M. S. Sines and M. A. Moss. To Sch. Lunch Jour. Oct. 31, 1966.

Assessing wheat quality with home- and commercial-type breads. R. H. Matthews and C. C. Fifield. To Cereal Chem. Mar. 16, 1967. Presented at Amer. Assoc. of Cereal Chem., Los Angeles, Calif., Apr. 1967.

Flavor of peanuts grown in phorate-treated plots. J. L. Brogdon and E. H. Dawson. Accepted, Jour. Econ. Entomology.

Palatability and yield of whole and cut-up turkeys roasted from the frozen and thawed states. L. H. Fulton, G. L. Gilpin, and E. H. Dawson. Accepted, Jour. Home Econ.

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articles--continued

Mineral composition of fruits. I. Edible yield, total solids, and ash content of thirty fresh fruits from known producing areas. E. G. Zook; II. Nitrogen, calcium, magnesium, phosphorus, potassium, aluminum, boron, copper, iron, manganese, and sodium content of thirty fresh fruits from known producing areas. E. G. Zook and J. Lehmann. Accepted, Amer. Dietet. Assoc. Jour.

Spectroscopic studies of aromatic isoprenoids: Application of nuclear resonance to the structural differentiation of tocopherols. H. Finegold and H. T. Slover. Accepted, July issue of Jour. Organic Chem. Presented Amer. Chem. Soc., New York, N.Y., Sept. 1966.

Flame photometric determination of calcium in food using a reversed oxyacetylene flame, a radiation buffer, and an acid mixture. J. Lehmann and E. G. Zook. Accepted, Aug. issue Jour. Assoc. Offic. Analyt. Chem.

The nutritive value of frozen foods. B. K. Watt. For 4th Ed. of "The Freezing Preservation of Foods" by Van Arsdel and Dressler. To Avi Publishing Co. Mar. 15, 1967.

Nutrients in USA food supply: A review of trends, 1909-13 to 1965. B. Friend. Accepted, Amer. Jour. Clin. Nutr.

Quantitative studies on fabrics as disseminators of viruses. III. Persistence of vaccinia virus on fabrics impregnated with a virucidal agent. R. W. Sidwell, G. J. Dixon and E. McNeil. Contract with Southern Res. Inst., supported in part by Agr. Res. Serv. Accepted, Appl. Microbiol.

Yellowing of bleached cotton fabrics during storage. V. McLendon and F. Richardson. To Amer. Dyestuff Rptr. June 11, 1965.

Determination of soleplate temperatures for ironing fabrics of different fibers. R. K. Taube and E. S. Ross. To Jour. Home Econ. Aug. 30, 1965.

Laundry equipment for the home used with sodium perborate bleach to maintain whiteness in naturally soiled cottons. R. K. Tauke and N. D. Poole. To Amer. Dyestuff Rptr. June 8, 1965.

PAPERS AND TALKS BEFORE PROFESSIONAL GROUPS

Amer. Soc. for Microbiology, New York City, Apr. 30-May 4, 1967

Factors affecting the viability of staphylococcus aureus on fabrics. L. J. Wilkoff, L. Westbrook and G. J. Dixon. Contract with So. Res. Inst., supported in part by Agr. Res. Serv.

Effect of type of carbohydrate on growth inhibition of tetrahymena pyriformis by serine. H. Reynolds.

USDA Consumer News Conference, Washington, D.C., May 3-5, 1967

New foods--what people will eat. R. M. Leverton

Sugar, starch, saturates, and your health. W. A. Gortner

New trends in food habits. F. Clark

Status report of publications--Apr.-June 1967
Papers and talks before professional groups--continued

American Home Econ. Assoc., Dallas, Texas, June 27-30, 1967

Changing food patterns in the U.S. S. F. Adelson

Clothing in the family budget. J. L. Pennock

USDA household food surveys and their uses. F. Clark. Conf. on Purposes and Uses of Federal Statistics, sponsored by Amer. Marketing Assoc., Washington, D.C., Apr. 11, 1967.

Potentials for home economics research relevant to selected problem areas involved in goals VII and VIII of the Long-Range Report. F. Clark. Nat. Seminar and Workshop for Home Econ. Administrators, Lincoln, Nebr., Apr. 6, 1967.

Consumer practices in handling frozen foods and in the use of homefreezers. R. A. Redstrom. ~~76th~~ 74th Ann. Meet. of Amer. Soc. for Heating, Refrigerating, and Air-conditioning Engineers, Minneapolis, Minn., June 26, 1967.

Methods of selecting families at equivalent levels of living. J. L. Pennock. Conf. on Issues in Fam. Econ., sponsored by the Family Econ. and Home Management Sec., Amer. Home Econ. Assoc. and La. State Univ., Baton Rouge, La., June 23, 1967.

Nuclear magnetic resonance studies of some saturated, heterocyclic ring systems. H. Finegold. 153rd Nat. Amer. Chem. Soc. meet., Miami Beach, Fla., Apr. 12, 1967. Presented by abstract.

Assessing wheat quality with home- and commercial-type breads. R. H. Matthews and C. C. Fifield. Amer. Assoc. of Cereal Chem., Los Angeles, Calif, Apr. 2-6, 1967.

Nutrition and the teenage. R. M. Leverton. Howard Univ., Washington, D.C., June 5, 1967.

Promoting nutrition education. M. Hill. Northeast Rural Health Conf. at Burlington, Vt., May 17, 1967 and New Haven, Conn., May 18, 1967. (Outline only)

The persistence of vaccinia virus on fabrics impregnated with a virucial agent. L. Westbrook, R. W. Sidwell, G. J. Dixon, and E. McNeil. Ala. Acad. of Sciences, Apr. 1967.

VISITORS

April, totol ---------- 175
59 persons from 26 countries outside the United States
116 persons from 8 states and District of Columbia

May, total ---------- 316
71 persons from 22 countries outside the United States
245 persons from 23 states and District of Columbia

June, total ---------- 283

65 persons from 29 countries outside the United States
218 persons from 22 states and District of Columbia

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STATUS REPORT OF PUBLICATIONS
from Nutrition and Consumer-Use Research Divisions
Agricultural Research Service
Oct.-Dec. 1967

U.S. DEPT. OF AGRICULTURE
APR 18 1968
CURRENT SERIAL RECORDS

PUBLISHED

Bulletins

Lamb in family meals: A guide for consumers. Human Nutrition Research Division. Home and Gard. Bul. 124, 22 pp., illus. Oct. 1967.

Poultry in family meals: A guide for consumers. Human Nutrition Research Division. Home and Gard. Bul. 110, 30 pp., illus. Sl. rev. Nov. 1967.

Eggs in family meals: A guide for consumers. Human Nutrition Research Division. Home and Gard. Bul. 103, 32 pp., illus. Rev. Dec. 1967.

Making cottage cheese at home. Home and Gard. Bul. 129, 8 pp., illus. Dec. 1967. Eastern Utiliza. Res. and Develop. Div. and Human Nutr. Res. Div. cooperating.

Milk in family meals: A guide for consumers. Human Nutrition Research Division. Home and Gard. Bul. 127, 22 pp., illus. Nov. 1967.

Freezing combination main dishes. Human Nutrition Research Division. Home and Gard. Bul. 40, 20 pp., illus. Sl. rev. Oct. 1967.

Home canning of fruits and vegetables. Human Nutrition Research Division. Home and Gard. Bul. 8, 32 pp., illus. Sl. rev. Oct. 1967.

Home care of purchased frozen foods. Human Nutrition Research Division. Home and Gard. Bul. 69, 6 pp., illus. Sl. rev. Sept. 1967.

The dietary situation of low-income households in two counties in the Mississippi Delta, May 1967--A study to evaluate the food stamp and the food donation programs in Washington and Sunflower Counties. (A Preliminary Report). Unnumbered. 13 pp. Dec. 1967. (Mimeographed).

Household use of convenience foods. G. E. Bivens. Unnumbered. 11 pp. Nov. 1967. (Mimeographed). Presented at 45th Ann. Agric. Outlook Conf., Washington, D.C., Nov. 1967.

Practices in the use of homefreezers. R. A. Redstrom. Unnumbered, 13 pp., illus. Nov. 1967. (Mimeographed). Presented at 45th Ann. Agric. Outlook Conf., Washington, D.C., Nov. 1967.

Nutrition Program News:
Interagency committee on nutrition education. M. M. Hill. 4 pp. Sept.-Oct. 1967
Northeast regional conference on nutrition education. 4 pp. Nov.-Dec. 1967.

Soaps and detergents for home laundering. Consumer and Food Economics Research Division. Home and Gard. Bul. 139, 8 pp. Dec. 1967. (Supersedes Home and Gard. Bul. 49).

Simplified clothing construction. Agricultural Research Service. Home and Gard. Bul. 59, 32 pp., illus. Sl. rev. Oct. 1967.

Status report of publications--Oct.-Dec. 1967
Published--continued

Bulletins--continued

Job-related expenditures and management practices of gainfully employed wives in North Carolina. E. G. Holmes. Home Econ. Res. Rpt. 34, 39 pp. Nov. 1967.

Income needed for equivalent levels of living for farm and urban families--A preliminary report. C. M. Jaeger. Unnumbered. 8 pp. Nov. 1967. (Mimeographed). Presented at 45th Ann. Agric. Outlook Conf., Washington, D.C., Nov. 1967.

Budget guides. E. G. Holmes and F. Clark. Unnumbered. 8 pp. Oct. 1967. (Mimeographed). Presented at Amer. Home Econ. Assoc. Workshop on Consumer Credit in Family Financial Management, Madison, Wisc., Oct. 1967.

Family Economics Review, ARS 62-5, 24 pp., Dec. 1967. Annual Outlook Issue:
Consumption, prices, and expenditures for food.
Household use of convenience foods. G. E. Bivens.
Protecting consumers through research.
Expenditures for food away from home.
A state program of consumer protection.
Trends in retail prices.
The Federal Medicare Program.
Continuing consumer protection at the Food and Drug Administration.
Some new USDA publications.
Consumer prices.
Cost of food at home, Sept. 1967 prices.

Handbook of agricultural charts, 1967. Agr. Handb. 348, 151 pp., illus. Oct. 1967. Econ. Res., Statis. Rptng., Agr. Res., and Foreign Agr. Res. Services cooperating. (Section 4, "The Family," pp. 56-62 contributed by Consum. and Food Econ. Res. Div.)

Articles

Effect of dietary carbohydrate on the serum protein components of two strains of rats. F. L. Lakshmanan, E. M. Schuster, and M. Adams. Jour. Nutr. 93(1): 117-125, illus. Sept. 1967.

Palatability and yield of whole and cut-up turkeys roasted from frozen and thawed states. L. H. Fulton, G. L. Gilpin, and E. H. Dawson. Jour. Home Econ. 59(9): 728-731. Nov. 1967.

Dried fruits--the effect of storage and cooking methods on yield and quality. M. S. Sines, G. L. Gilpin, and E. H. Dawson. Sch. Lunch Jour. 21(9): 60-65. Oct. 1967.

Nutritional review. B. Friend. NFS(Natl. Food Sit.)-122: 30-35, illus. Nov. 1967. (Reprinted as CFE(Adm.)-299-2. Dec. 1967.)

IN PRESS OR APPROVED FOR PRINTING

Bulletins

Pork in family meals: A guide for consumers. Home and Gard. Bul. To ARS Inf. Div. June 30, 1965.

Fruits in family meals: A guide for consumers. Home and Gard. Bul. 125. Revised page proof to OI Dec. 20, 1967.

Cereals and pasta in family meals: A guide for consumers. Home and Gard. Bul. To ARS Inf. Div. July 11, 1966.

Baking for persons with allergies: Bread, cake and pastry recipes. Home and Gard. Bul. To OI Nov. 22, 1967.

Family fare...food management and recipes. Rev. of Home and Gard. Bul. 1. Revised galley proof returned to OI Dec. 29, 1967.

Apples in appealing ways. Rev. of Leaflet 312. To ARS Inf. Div. Oct. 23, 1967.

Pocket calorie guide. Home and Gard. Bul. In ARS Inf. Div.

Your money's worth in foods. Home and Gard. Bul. Draft to ARS Inf. Div. Jan. 31, 1967.

Food selection for good nutrition in group feeding. B. B. Peterkin. Home Econ. Res. Rpt. To ARS Inf. Div. Nov. 2, 1967. (Revision of a part of AH-16).

Food consumption of households in the United States, Spring 1965. Household Food Consumption Survey 1965-66 Report No. 1. To OI Dec. 21, 1967.

Food consumption of households in the Northeast; North Central; South; and West. Household Food Consumption Survey 1965-66 Reports No. 2-5. To ARS Inf. Div. July 31, 1967.

Proceedings of Nutrition Education Conference, Washington, D.C., Feb. 20-22, 1967. Misc. Pub. To ARS Inf. Div. Sept. 9, 1967.

Selected references on cereal grains in protein nutrition--Human and experimental animal studies of major and minor cereals, 1910-1966. ARS 61-5. To ARS Inf. Div. Nov. 22, 1967.

Helping families manage their finances. Rev. of Home Econ. Res. Rpt. 21. Galley proof ret. to ARS Inf. Div. Dec. 20, 1967.

Articles

Effects of fat intake and exercise on serum cholesterol and body composition of rats. D. L. Hanson, J. A. Lorenzen, A. E. Morris, R. A. Ahrens, and J. E. Wilson, Jr. Md. Univ., Human Nutr. Res. Div. cooperating. Accepted, Amer. Jour. Physiol.

The influence of type of dietary carbohydrate on histological findings in two strains of rats. A. M. A. Durand, M. Fisher, and M. Adams. Accepted, Archives of Pathology.

Influence of heredity and diet on liver composition, adrenal, thyroid and heart weights and serum cholesterol of inbred rats. M. W. Marshall, B. P. Smith, and R. P. Lehmann. Revised mscpt. to Jour. Nutr. Dec. 12, 1967.

Status report of publications--Oct.-Dec. 1967
In press or approved for printing--continued

Articles--continued

Influence of dietary protein on serum lipids and on fat, nitrogen and mineral metabolism of older men. H. M. Fox, H. Linkswiler, and P. C. Fry. Contract with Nebr. Univ., supported in part by Human Nutr. Res. Div. Accepted, Amer. Jour. Clin. Nutr.

Muscle protein composition and eating quality of fresh and frozen turkeys. I. M. Hoke, B. K. McGeary, F. Lakshmanan. To Food Technol./Food Sci. Dec. 15, 1967.

Eating quality of chickens roasted at 325° and 375° F. I. M. Hoke. To Jour. Home Econ. Nov. 9, 1967.

Assessing wheat quality with breads prepared by two formulations. R. H. Matthews and C. C. Fifield. Accepted, Cereal Chem. Presented at Amer. Assoc. of Cereal Chem., Los Angeles, Calif., Apr. 1967.

Effect of lysine fortification on quality of chapatis and yeast breads. R. H. Matthews, G. Richardson, and H. Lichtenstein. To Cereal Chem. Oct. 18, 1967.

Mineral composition of fruits. I. Edible yield, total solids, and ash content of thirty fresh fruits from known producing areas. E. G. Zook; II. Nitrogen, calcium, magnesium, phosphorus, potassium, aluminum, boron, copper, iron, manganese, and sodium content of thirty fresh fruits from known producing areas. E. G. Zook and J. Lehmann. III. Total solids, ash, nitrogen, and mineral element content of six dried fruits. E. G. Zook. Accepted, Amer. Dietet. Assoc. Jour.

Enzymatic browning and free tyrosine in potatoes as affected by pentachloronitrobenzene. J. P. Sweeney and P. A. Simandle. Accepted, Jour. Agr. and Food Chem. Presented at Amer. Chem. Soc., Chicago, Ill., Sept. 1967.

Behavior of DDT in potatoes during commercial and home preparation. E. R. Elkins. Contract with Natl. Canners Assoc. Res. Found., supported in part by Human Nutr. Res. Div. Mscpt. approved for publication in Agr. and Food Chem. Jour.

Removal of DDT, malathion, and carbaryl from tomatoes by commercial and home preparative methods. R. P. Farrow, F. C. Lamb, R. W. Cook, J. R. Kimball, and E. R. Elkins. Contract with Natl. Canners Assoc. Res. Found., supported in part by Human Nutr. Res. Div. Mscpt. approved for publication in Agr. and Food Chem. Jour.

Response of highbush blueberries to long-term use of diuron and simazine. W. V. Welker, Jr., and J. L. Brogdon. Crops Res. Div. and Human Nutr. Res. Div. cooperating. Approved by Human Nutr. Res. Div. for publication.

Total solids and sugars in herbicide-treated apples, blueberries, and peaches. B. S. Mason, J. F. Eheart, and W. V. Welker, Jr. Human Nutr. and Crops Res. Divs. cooperating. To Amer. Dietet. Assoc. Jour. Nov. 6, 1967.

The paradox of teenage nutrition. R. M. Leverton. To Amer. Dietet. Assoc. Jour. Dec. 14, 1967. Presented at Association's Ann. Meet., Chicago, Ill., Aug. 1967.

Articles--continued

Nutritive content of Type A school lunches. E. W. Murphy, E. Grossman, and F. H. Forziati. To Sch. Lunch Jour. Dec. 12, 1967. Presented at Amer. Sch. Food Serv. Assoc., Dallas, Texas, Aug. 1967.

Phenylalanine and tyrosine in vegetables and fruits. M. A. McCarthy, M. L. Orr, and B. K. Watt. Accepted for Feb. 1968 issue of Amer. Dietet. Assoc. Jour.

The nutritive value of frozen foods. B. K. Watt. To Avi Publishing Co. Mar. 15, 1967 for publication in Van Arsdel and Dressler, Eds. of The Freezing Preservation of Foods, 4th ed.

U.S. diets and enrichment. C. LeBovit. To Jour. Agr. and Food Chem. Sept. 8, 1967. Presented at Amer. Chem. Soc., Chicago, Ill., Sept. 1967.

Yellowing of bleached cotton fabrics during storage. V. McLendon and F. Richardson. To Amer. Dyestuff Rptr. June 11, 1965.

Determination of soleplate temperatures for ironing fabrics of different fibers. R. K. Taube and E. S. Ross. To Jour. Home Econ. Aug. 30, 1965.

Laundry equipment for the home used with sodium perborate bleach to maintain whiteness innaturally soiled cottons. R. K. Taube and N. D. Poole. To Amer. Dyestuff Rptr. June 8, 1965.

PAPERS AND TALKS BEFORE PROFESSIONAL GROUPS

Problems in measuring economic variables. J. L. Pennock and F. Clark. NRC-52 Conference on Identification and Measurement of Variables, Mich. St. Univ., Nov. 6, 1967.

Budget guides. E. G. Holmes and F. Clark. Amer. Home Econ. Assoc. Workshop on Consumer Credit in Family Financial Management, Madison, Wisc., Oct. 11, 1967.

Coordinating nutrition programs. M. M. Hill. "Nutrition Emphasis Day," Jackson, Miss., Oct. 7, 1967.

Nutritional health of teenagers. M. M. Hill. Nat. Outlook Conference on Rural Youth, Washington, D.C., Oct. 24, 1967.

Basic concepts of nutrition in community nutrition programs. M. M. Hill. Peninsula Dietet. Assoc., Campbell, Calif., Nov. 7, 1967.

Nutrition education programs for schools and food stamp participants. M. M. Hill. Seminar, Sch. of Pub. Health, Univ. of Calif., Nov. 7, 1967. (Outline only).

Food and the future. R. M. Leverton. Home Econ. Alumni Conf., and Jessamine C. Williams Lecture, sponsored by Sch. of Home Econ., Ore. St. Univ., Corvallis, Ore., Oct. 20, 1967.

Analysis of food flavors by gas chromatography. I. Hornstein. ASTM E-19 Committee meeting, San Francisco, Calif., Oct. 11, 1967.

Chemical methods of flavor analysis. I. Hornstein. Eastern Collaborators' Conference, EU, Philadelphia, Penna., Oct. 24, 1967.

Flavor chemistry. I. Hornstein. Technology Club of Syracuse, Syracuse, N.Y., Nov. 6, 1967.

Effects of heating on fatty acid composition of beef lipids. B. B. Breidenstein, D. B. Anderson, R. G. Kauffman, R. G. Cassens, and R. W. Bray. Mid-Western Animal Science meeting, Chicago, Ill., Nov. 1967. Contract with Univ. of Wisc., supported in part by Human Nutr. Res. Div.

45th Annual Agricultural Outlook Conference, Washington, D.C., Nov. 15, 1967:

Income needed for equivalent levels of living for farm and urban families--A preliminary report. C. M. Jaeger. 8 pp.

Household use of convenience foods. B. E. Bivens. 11 pp.

Practices in the use of homefreezers. R. A. Redstrom. 13 pp.

VISITORS

October, total ---------- 119
36 persons from 10 countries outside the United States
83 persons from 6 states and District of Columbia

November, total ---------- 146
1 person from 1 country outside the United States
145 persons from 8 states and District of Columbia

December, total ---------- 34
15 persons from 11 countries outside the United States
19 persons from 2 states and district of Columbia